

### **Abstract of the Disclosure**

A thermoforming multilayer film comprising successively: at least one layer chosen from layers A1 and A2, an optional layer B1, a layer B2, a layer B3, and an optional layer B4. A1 comprises a fluoropolymer A111 or a polymer A112 consisting essentially of alkyl(methyl)acrylate units or a blend of the two, layer A2 consists of ink, layer B1 comprises a fluoropolymer B111 or a polymer B112 consisting essentially of alkyl(meth)acrylate units or a blend of the two, layer B2 is based on a polyamide, layer B3 consists of polyolefin functionalized with unsaturated carboxylic anhydride and layer B4 comprises polyolefin. A process for producing the multilayer film comprising co-extrusion is described.